

| Ref # | Hits | Search Query            | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|-------------------------|---|------------------|---------|------------------|
| L1    | 432  | (715/509,503,505).CCLS. | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB    | OR               | OFF     | 2006/02/03 15:41 |
| L2    | 3947 | (707/101,2,7).CCLS.     | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB    | OR               | OFF     | 2006/02/03 15:41 |
| L3    | 1222 | (705/27,35).CCLS.       | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB    | OR               | OFF     | 2006/02/03 15:41 |
| L4    | 5502 | 1 2 3                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/02/03 15:41 |
| L5    | 689  | 4 and (catalog\$1)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/02/03 15:41 |
| S1    | 2728 | (707/3).CCLS.           | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB    | OR               | OFF     | 2006/02/03 15:41 |
| S2    | 0    | (705/206).CCLS.         | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB    | OR               | OFF     | 2004/09/27 10:37 |
| S3    | 998  | (705/26).CCLS.          | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB    | OR               | OFF     | 2004/09/27 10:37 |

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|-----|------|---|--|----|-----|------------------|
| S4  | 95   | ("6023683" "6055516" "6292830"<br>"6334145" "5745891" "6397219"<br>"6466940" "5297030" "5715444"<br>"5895463" "5983219" "6032145"<br>"6275821" "6321224" "6324534"<br>"6327588" "6332135" "6336105"<br>"6338050" "6484165" "6505172"<br>"6584462" "5408333" "6065012"<br>"5857185" "6055515" "5469206"<br>"5948058" "5694616" "6450407"<br>"5960411" "6240397" "5754938"<br>"5754939" "5835087" "6029195"<br>"6460036" "5359729" "6327593"<br>"6523040" "6101485" "5832502"<br>"6014639" "6373012" "5515488"<br>"4303989" "5812989" "5963207"<br>"6154213" "6728696").pn. | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/10/12 10:51 |
| S5  | 2    | ("6321224").PN.   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/05 12:57 |
| S6  | 2    | ("6032145").PN.   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/05 12:57 |
| S7  | 1267 | (707/5).CCLS.   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/05 12:58 |
| S8  | 367  | ((707/5).CCLS.) and interactiv\$3   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/10/05 12:58 |
| S9  | 246  | (((707/5).CCLS.) and interactiv\$3)<br>and compar\$3  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/10/05 12:59 |
| S10 | 0    | ((707/5).CCLS.) and (interactiv\$3<br>near compar\$3)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/10/05 12:59 |
| S11 | 0    | ((707/5).CCLS.) and (interactiv\$3<br>adj compar\$3)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/10/05 13:00 |
| S12 | 24   | ((707/5).CCLS.) and (interactiv\$3<br>same compar\$3)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/10/05 14:00 |

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| S13 | 10222 | (spread adj sheet\$1) or<br>spreadsheet\$1  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/10/05 14:00 |
| S14 | 193   | (715/503).CCLS.   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/05 14:00 |
| S15 | 50    | (715/504).CCLS.   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/05 14:00 |
| S16 | 0     | ("l14orl15").PN.  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/05 14:01 |
| S17 | 214   | ((715/503).CCLS.) or ((715/504).<br>CCLS.)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/10/05 14:01 |
| S18 | 188   | (((715/503).CCLS.) or ((715/504).<br>CCLS.)) and function\$1  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/10/05 14:01 |
| S19 | 143   | (((715/503).CCLS.) or ((715/504).<br>CCLS.)) and (consolodat\$3 or<br>group\$3)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/10/05 14:02 |
| S20 | 94    | ("6023683" "6055516" "6292830"<br>"6334145" "5745891" "6397219"<br>"6466940" "5297030" "5715444"<br>"5895463" "5983219" "6032145"<br>"6275821" "6321224" "6324534"<br>"6327588" "6332135" "6336105"<br>"6338050" "6484165" "6505172"<br>"6584462" "5408333" "6065012"<br>"5857185" "6055515" "5469206"<br>"5948058" "5694616" "6450407"<br>"5960411" "6240397" "5754938"<br>"5754939" "5835087" "6029195"<br>"6460036" "5359729" "6327593"<br>"6523040" "6101485" "5832502"<br>"6014639" "6373012" "5515488"<br>"4303989" "5812989" "5963207"<br>"6154213" "6728696").pn. | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/10/12 10:51 |

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|-----|------|---|--|----|-----|------------------|
| S21 | 3    | ((6023683" "6055516" "6292830" "6334145" "5745891" "6397219" "6466940" "5297030" "5715444" "5895463" "5983219" "6032145" "6275821" "6321224" "6324534" "6327588" "6332135" "6336105" "6338050" "6484165" "6505172" "6584462" "5408333" "6065012" "5857185" "6055515" "5469206" "5948058" "5694616" "6450407" "5960411" "6240397" "5754938" "5754939" "5835087" "6029195" "6460036" "5359729" "6327593" "6523040" "6101485" "5832502" "6014639" "6373012" "5515488" "4303989" "5812989" "5963207" "6154213" "6728696").pn.) and (table\$1 adj data\$1) | USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | OFF | 2004/10/12 10:55 |
| S22 | 109  | (715/509).CCLS.   | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/12 10:56 |
| S23 | 64   | ((715/509).CCLS.) and group\$3  | USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | OFF | 2004/10/12 10:57 |
| S24 | 58   | (((715/509).CCLS.) and group\$3) and table\$1   | USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | OFF | 2004/10/12 11:06 |
| S25 | 1006 | (705/26).CCLS.  | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/12 11:07 |
| S26 | 76   | ((705/26).CCLS.) and grouping   | USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | OFF | 2004/10/12 11:15 |
| S27 | 0    | ((705/26).CCLS.) and ((consolodat\$3 or expand\$3) near column\$1)  | USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | OFF | 2004/10/12 11:15 |
| S28 | 1    | ((705/26).CCLS.) and ((consolodat\$3 or expand\$3) near5 column\$1)   | USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | OFF | 2004/10/12 11:16 |
| S29 | 485  | ((705/26).CCLS.) and (table\$1)   | USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | OFF | 2004/10/12 11:16 |

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|-----|------|--|--|----|-----|------------------|
| S30 | 0    | ((705/26).CCLS.) and (table\$1 adj manipulat\$4)   | USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | OFF | 2004/10/12 11:16 |
| S31 | 3    | ((705/26).CCLS.) and (table\$1 adj sort\$3)  | USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | OFF | 2004/10/12 11:17 |
| S32 | 330  | manipulat\$3 adj table\$1  | USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | OFF | 2004/10/12 11:17 |
| S33 | 16   | US-6169992-\$.DID. OR<br>US-6032145-\$.DID. OR<br>US-5897639-\$.DID. OR<br>US-6014639-\$.DID. OR<br>US-5740425-\$.DID. OR<br>US-5832459-\$.DID. OR<br>US-6236985-\$.DID. OR<br>US-6131088-\$.DID.  | USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | OFF | 2004/10/26 10:05 |
| S34 | 7    | (US-6169992-\$.DID. OR<br>US-6032145-\$.DID. OR<br>US-5897639-\$.DID. OR<br>US-6014639-\$.DID. OR<br>US-5740425-\$.DID. OR<br>US-5832459-\$.DID. OR<br>US-6236985-\$.DID. OR<br>US-6131088-\$.DID.) and table\$1                                 | USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | OFF | 2004/10/26 10:05 |
| S35 | 5    | ((US-6169992-\$.DID. OR<br>US-6032145-\$.DID. OR<br>US-5897639-\$.DID. OR<br>US-6014639-\$.DID. OR<br>US-5740425-\$.DID. OR<br>US-5832459-\$.DID. OR<br>US-6236985-\$.DID. OR<br>US-6131088-\$.DID.) and table\$1)<br>and (combin\$3 or merg\$3) | USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | OFF | 2004/10/26 10:06 |
| S36 | 1    | "5897622".PN.  | USPAT                                    | OR | OFF | 2004/10/26 10:07 |
| S37 | 1    | "5799157".PN.  | USPAT                                    | OR | OFF | 2004/10/26 10:07 |
| S38 | 1    | "5715444".PN.  | USPAT                                    | OR | OFF | 2004/10/26 10:07 |
| S39 | 1    | "5630125".PN.  | USPAT                                    | OR | OFF | 2004/10/26 10:07 |
| S40 | 1    | "5319542".PN.  | USPAT                                    | OR | OFF | 2004/10/26 10:08 |
| S41 | 1    | "5231566".PN.  | USPAT                                    | OR | OFF | 2004/10/26 10:08 |
| S42 | 1    | "5206949".PN.  | USPAT                                    | OR | OFF | 2004/10/26 10:09 |
| S43 | 1    | "4992940".PN.  | USPAT                                    | OR | OFF | 2004/10/26 10:08 |
| S44 | 1457 | (707/4).CCLS.  | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/26 10:09 |

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|-----|-------|--|--|----|-----|------------------|
| S45 | 1115  | ((707/4).CCLS.) and table\$1   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/26 10:32 |
| S46 | 1     | "4879648".PN.  | USPAT                                      | OR | OFF | 2004/10/26 10:11 |
| S47 | 1     | "4947028".PN.  | USPAT                                      | OR | OFF | 2004/10/26 10:11 |
| S48 | 1     | "4984155".PN.  | USPAT                                      | OR | OFF | 2004/10/26 10:11 |
| S49 | 1     | "4992940".PN.  | USPAT                                      | OR | OFF | 2004/10/26 10:11 |
| S50 | 10305 | ((spread adj sheet\$1) or<br>spreadsheet\$1)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/26 10:33 |
| S51 | 48    | (((spread adj sheet\$1) or<br>spreadsheet\$1)) and (sort\$3 adj<br>(row\$1 or column\$1))  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/26 10:34 |
| S52 | 3     | (((spread adj sheet\$1) or<br>spreadsheet\$1)) and (sort\$3 adj<br>(row\$1 or column\$1))) and<br>(remov\$3 adj (row\$1 or column\$1)) | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/26 10:49 |
| S53 | 69586 | catalog\$1   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/26 10:50 |
| S54 | 13    | catalog\$1 near manipulat\$5   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/26 11:12 |
| S55 | 4380  | (group\$3 or merg\$3) near row\$1  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/26 11:13 |
| S56 | 2665  | (group\$3 or merg\$3) adj row\$1   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/26 11:13 |
| S57 | 2756  | (group\$3 or merg\$3 or expand\$3)<br>adj row\$1   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/26 11:13 |
| S58 | 431   | (group\$3 or merg\$3 or expand\$3)<br>adj (row\$1 and column\$1)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/26 11:14 |
| S59 | 592   | table\$1 near manipulat\$3   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/04 09:36 |

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|-----|------|---|---|----|-----|------------------|
| S60 | 9153 | table\$1 near display\$3  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2004/11/04 09:37 |
| S61 | 1232 | (table\$1 near display\$3) and (row\$1 and column\$1)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2004/11/04 09:44 |
| S62 | 36   | ((table\$1 near display\$3) and (row\$1 and column\$1)) and ((merg\$3 or combin\$3) near (column\$1 or row\$1 or cell\$1))  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2004/11/04 09:59 |
| S63 | 112  | ((table\$1 near display\$3) and (row\$1 and column\$1)) and catalog\$3  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2004/11/04 10:33 |
| S64 | 109  | (715/509).CCLS.   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB    | OR | OFF | 2004/11/04 10:33 |
| S65 | 52   | ((715/509).CCLS.) and (merg\$3 or consolidat\$3 or combin\$3)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2004/11/04 10:34 |
| S66 | 94   | ("6023683" "6055516" "6292830"<br>"6334145" "5745891" "6397219"<br>"6466940" "5297030" "5715444"<br>"5895463" "5983219" "6032145"<br>"6275821" "6321224" "6324534"<br>"6327588" "6332135" "6336105"<br>"6338050" "6484165" "6505172"<br>"6584462" "5408333" "6065012"<br>"5857185" "6055515" "5469206"<br>"5948058" "5694616" "6450407"<br>"5960411" "6240397" "5754938"<br>"5754939" "5835087" "6029195"<br>"6460036" "5359729" "6327593"<br>"6523040" "6101485" "5832502"<br>"6014639" "6373012" "5515488"<br>"4303989" "5812989" "5963207"<br>"6154213" "6728696").pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 11:22 |
| S67 | 93   | S66 and @ad<="20020131"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 11:23 |
| S68 | 42   | S67 and (table\$1 or column\$1 or row\$1 or spreadsheet\$1 or (spread adj sheet\$1))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 11:24 |

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| S69 | 34 | S68 and (database\$1 or (data adj base\$1))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 11:33 |
| S70 | 32 | S69 and (combin\$3 or group\$3)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 11:41 |
| S71 | 1  | S69 and ((combin\$3 or group\$3) near (row\$1 or column\$1))   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 11:35 |
| S72 | 6  | S69 and ((combin\$3 or group\$3) near3 (row\$1 or column\$1))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 11:36 |
| S73 | 7  | S69 and ((combin\$3 or group\$3) near5 (row\$1 or column\$1))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 11:42 |
| S74 | 15 | S70 and sort\$3  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 11:41 |
| S75 | 2  | S73 and sort\$3  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 12:14 |
| S76 | 3  | "6523040"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 12:15 |
| S77 | 2  | ("6523040").PN.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 14:35 |
| S78 | 8  | ("5077668"   "5638543"   "5867164"   "5991754"   "6023696"   "6205451"   "6298342").PN. OR ("6523040").URPN. | US-PGPUB; USPAT; USOCR                      | OR | OFF | 2005/03/30 12:15 |
| S79 | 3  | S78 and sort\$3  | US-PGPUB; USPAT; USOCR                      | OR | OFF | 2005/03/30 12:16 |

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| S80 | 2 | ("6523040").PN.                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 14:35 |
| S81 | 0 | S80 and (group\$3 near categor\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 14:35 |
| S82 | 0 | S80 and (group\$3 near5 categor\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 14:35 |
| S83 | 0 | S80 and (group\$3 with categor\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 14:35 |
| S84 | 0 | S80 and (group\$3 same categor\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 14:35 |
| S85 | 1 | S80 and (group\$3)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 14:38 |
| S86 | 1 | S80 and (categor\$3)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 14:39 |
| S87 | 0 | S80 and (consolidat\$3)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 14:39 |
| S88 | 0 | S80 and (consol\$8)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 14:40 |
| S89 | 0 | S80 and (consolidat\$8)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 15:08 |

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|-----|-------|---|---|----|-----|------------------|
| S90 | 1151  | expand\$3 near (column\$1 or row\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 15:08 |
| S91 | 71    | (expand\$3 near (column\$1 or row\$1)) same (table\$1 or spreadsheet\$1 or (spread adj sheet\$1))           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 15:15 |
| S92 | 55    | S91 and @ad<="20020131"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 15:15 |
| S93 | 126   | (expand\$3 near (column\$1 or row\$1)) same (matrix or table\$1 or spreadsheet\$1 or (spread adj sheet\$1)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 15:15 |
| S94 | 91    | S93 and @ad<="20020131"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/30 15:15 |
| S95 | 71    | S93 and @ad<="20020131"   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/03/30 15:15 |
| S96 | 18145 | (table\$1 or spreadsheet\$1 or (spread adj sheet\$1)) same sort\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/06 16:17 |
| S97 | 2261  | (table\$1 or spreadsheet\$1 or (spread adj sheet\$1)) near sort\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/06 16:18 |
| S98 | 936   | (table\$1 or spreadsheet\$1 or (spread adj sheet\$1)) near manipulat\$4                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/06 16:20 |
| S99 | 10    | (table\$1 near (column\$1 or row\$1)) near manipulat\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/06 16:19 |

|          |       |  |   |    |     |                  |
|----------|-------|--|---|----|-----|------------------|
| S10<br>0 | 0     | (table\$1 with (column\$1 or row\$1)) near manipulat\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/06 16:19 |
| S10<br>1 | 3     | (table\$1 same (column\$1 or row\$1)) near manipulat\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/06 16:19 |
| S10<br>2 | 196   | S98 and sort\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/06 16:21 |
| S10<br>3 | 23    | S98 and (sort\$3 near (row\$1 or column\$1))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/08 08:49 |
| S10<br>4 | 68073 | summariz\$3 near (tabl\$3 or spreadsheet\$1 or (spread adj sheet\$1))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/08 08:50 |
| S10<br>5 | 20    | summariz\$3 near (spreadsheet\$1 or (spread adj sheet\$1))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/08 08:50 |
| S10<br>6 | 21    | (summariz\$3 or consolidat\$3 or expand\$3) near (table\$1 near (row\$1 or column\$1 or cell\$1))            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/08 08:55 |
| S10<br>7 | 216   | (summariz\$3 or consolidat\$3 or expand\$3) near5 (table\$1 near (row\$1 or column\$1 or cell\$1))           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/08 09:07 |
| S10<br>8 | 8     | ("5077668"   "5638543"   "5867164"   "5991754"   "6023696"   "6205451"   "6298342").PN. OR ("6523040").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/04/08 09:03 |
| S10<br>9 | 1510  | (summariz\$3 or consolidat\$3 or expand\$3) near (table\$1 near5 (row\$1 or column\$1 or cell\$1))           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/08 09:17 |

|          |       |  |   |    |     |                  |
|----------|-------|--|---|----|-----|------------------|
| S11<br>0 | 1415  | (summariz\$3) near (table\$1 near5<br>(row\$1 or column\$1 or cell\$1))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/08 09:07 |
| S11<br>1 | 20    | (consolidat\$3) near (table\$1 near5<br>(row\$1 or column\$1 or cell\$1))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/08 09:09 |
| S11<br>2 | 242   | (consolidat\$3) near ( (row\$1 or<br>column\$1 or cell\$1))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/08 09:09 |
| S11<br>3 | 10569 | (summariz\$3 or consolidat\$3 or<br>expand\$3) near ((row\$1 or<br>column\$1 or cell\$1))                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/08 09:09 |
| S11<br>4 | 6576  | S113 and table\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/08 09:09 |
| S11<br>5 | 1599  | (summariz\$3 or consolidat\$3 or<br>expand\$3) near ((row\$1 or<br>column\$1))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/08 09:10 |
| S11<br>6 | 138   | (consolidat\$3) near ((row\$1 or<br>column\$1))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/08 09:10 |
| S11<br>7 | 1577  | (summariz\$3 or consolidat\$3 or<br>expand\$3 or merg\$3) near (table\$1<br>near5 (row\$1 or column\$1 or<br>cell\$1)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/08 09:17 |
| S11<br>8 | 33    | (summariz\$3 or consolidat\$3 or<br>expand\$3 or merg\$3) near (table\$1<br>near (row\$1 or column\$1 or cell\$1))     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/08 09:17 |
| S11<br>9 | 10    | requisite.asnm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/04 08:30 |

|          |       |  |                              |    |     |                  |
|----------|-------|--|------------------------------|----|-----|------------------|
| S12<br>0 | 21    | ("4879648"   "4947028"   "4984155"<br>  "4992940"   "5206949"  <br>"5231566"   "5319542"   "5630125"<br>  "5715444"   "5799157"  <br>"5924090"   "5995979"   "6032145"<br>  "6169992"   "6230154").PN. OR<br>("6321224").URPN.                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/04 08:32 |
| S12<br>1 | 22    | ("4879648"   "4947028"   "4984155"<br>  "4992940"   "5206949"  <br>"5231566"   "5319542"   "5630125"<br>  "5715444"   "5799157"  <br>"5897622").PN. OR ("6032145").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/04 08:37 |
| S12<br>2 | 16    | ("5715444"   "5740425"   "5802524"<br>  "5890175"   "5897639"  <br>"5963953"   "5983219"   "6023683"<br>  "6032145"   "6055516"  <br>"6072481"   "6110213"   "6128600"<br>  "6154738"   "6163774"  <br>"6324534").PN. OR ("6871198").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/04 08:40 |
| S12<br>3 | 13090 | (subset\$1 or subsetting or (sub adj<br>set\$1) or par\$3) near (table\$1 or<br>spreadsheet\$1 or (spread adj<br>sheet\$1))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/04 08:43 |
| S12<br>4 | 533   | (subset\$1 or subsetting or (sub adj<br>set\$1)) near (table\$1 or<br>spreadsheet\$1 or (spread adj<br>sheet\$1))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/04 08:44 |
| S12<br>5 | 306   | S124 and database\$1   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/04 08:45 |
| S12<br>6 | 92    | S125 and interactiv\$3   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/04 08:45 |
| S12<br>7 | 3     | S126 and (expand\$3 near (row\$1 or<br>column\$1))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/04 08:48 |
| S12<br>8 | 1890  | expand\$3 near (table\$1 or<br>column\$1 or row\$1)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/04 08:48 |
| S12<br>9 | 269   | S128 and database\$1   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/04 08:49 |
| S13<br>0 | 119   | S129 and (subset\$1 or subsetting or<br>subcategory\$3 or (sub adj categor\$3)<br>or (sub adj sets\$1))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/04 09:04 |
| S13<br>1 | 3301  | database\$1 near display\$3  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/04 09:04 |

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S13<br>2 | 79   | database\$1 near display\$3 near result\$3   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/05/04 09:05 |
| S13<br>3 | 32   | database\$1 near display\$3 near result\$3   | USPAT;<br>USOCR   | OR | OFF | 2005/05/04 09:05 |
| S13<br>4 | 0    | database\$1 near display\$3 near result\$3 near table\$1   | USPAT;<br>USOCR   | OR | OFF | 2005/05/04 09:06 |
| S13<br>5 | 0    | (database\$1 near display\$3 near result\$3) with (table\$1 or tabular)  | USPAT;<br>USOCR   | OR | OFF | 2005/05/04 09:06 |
| S13<br>6 | 1    | (database\$1 near display\$3 near result\$3) same (table\$1 or tabular)  | USPAT;<br>USOCR   | OR | OFF | 2005/05/04 09:27 |
| S13<br>7 | 2    | (database\$1 near display\$3 near result\$3) same (table\$1 or tabular)  | USPAT;<br>USOCR   | OR | OFF | 2005/05/04 09:30 |
| S13<br>8 | 2    | ("6,523,040").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/04 11:11 |
| S13<br>9 | 7357 | rao.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/04 09:53 |
| S14<br>0 | 522  | S139 and database\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/04 09:54 |
| S14<br>1 | 8    | ("5077668"   "5638543"   "5867164"<br>  "5991754"   "6023696"  <br>"6205451"   "6298342").PN. OR<br>("6523040").URPN.                                    | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/05/04 11:03 |
| S14<br>2 | 276  | ((row\$1 or column\$1) near<br>(reduc\$3 or reduct\$3 or collaps\$3))<br>same (database\$1 or table\$1 or<br>spreadsheet\$1 or (spread adj<br>sheet\$1)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/04 11:12 |
| S14<br>3 | 4061 | (compar\$3 near (column\$1 or<br>row\$1))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 08:30 |
| S14<br>4 | 3141 | S143 and @ad<="20020131"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 08:30 |

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S14<br>5 | 35   | (compar\$3 near ((table\$1 or spreadsheet\$1) near (column\$1 or row\$1)))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 08:32 |
| S14<br>6 | 2    | ((select\$3 or choos\$3) and compar\$3) near ((table\$1 or spreadsheet\$1) near (column\$1 or row\$1)))   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 08:34 |
| S14<br>7 | 42   | ((select\$3 or choos\$3) and compar\$3) near5 ((table\$1 or spreadsheet\$1) near (column\$1 or row\$1)))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 08:36 |
| S14<br>8 | 1    | ((select\$3 or choos\$3) and compar\$3) near5 ((table\$1 or spreadsheet\$1) near5 (column\$1 or row\$1))) and (e adj commerc\$1)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 08:50 |
| S14<br>9 | 16   | US-6169992-\$ DID. OR<br>US-6032145-\$ DID. OR<br>US-5897639-\$ DID. OR<br>US-6014639-\$ DID. OR<br>US-5740425-\$ DID. OR<br>US-5832459-\$ DID. OR<br>US-6236985-\$ DID. OR<br>US-6131088-\$ DID. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 08:50 |
| S15<br>0 | 22   | ("4879648"   "4947028"   "4984155"   "4992940"   "5206949"   "5231566"   "5319542"   "5630125"   "5715444"   "5799157"   "5897622").PN. OR ("6032145").URPN.                                      | US-PGPUB; USPAT; USOCR                      | OR | OFF | 2005/05/09 08:51 |
| S15<br>1 | 1627 | "I22" and @ad<="20010131"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 08:52 |
| S15<br>2 | 1627 | "I22" and @ad<="20010131"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 08:52 |
| S15<br>3 | 17   | S150 and @ad<="20010131"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 09:31 |

|          |     |  |   |    |     |                  |
|----------|-----|--|---|----|-----|------------------|
| S15<br>4 | 17  | S153 and (select\$3 or compar\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 08:55 |
| S15<br>5 | 17  | S153 and (select\$3 or compar\$3 or expand\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 09:31 |
| S15<br>6 | 22  | ("4879648"   "4947028"   "4984155"<br>  "4992940"   "5206949"  <br>"5231566"   "5319542"   "5630125"<br>  "5715444"   "5799157"  <br>"5897622").PN. OR ("6032145").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/05/09 09:31 |
| S15<br>7 | 17  | S156 and @ad<="20010131"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 09:34 |
| S15<br>8 | 17  | S157 and (select\$3 or compar\$3 or expand\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 09:33 |
| S15<br>9 | 201 | quattro adj pro  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 09:34 |
| S16<br>0 | 146 | S159 and @ad<="20010131"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/09 09:37 |
| S16<br>1 | 2   | ("5317686").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/11 09:19 |
| S16<br>2 | 75  | ("4601003"   "4712191"   "4899136"<br>  "4901221"   "5018077"  <br>"5033009"   "5043916"   "5055998"<br>  "5065347"   "5093907").PN. OR<br>("5317686").URPN.                 | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/05/11 09:20 |
| S16<br>3 | 22  | S162 and expand\$3   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/05/11 10:40 |

|          |       |  |   |    |     |                  |
|----------|-------|--|---|----|-----|------------------|
| S16<br>4 | 2     | ("6,523,040").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/11 10:40 |
| S16<br>5 | 2     | ("6,523,040").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/12 09:07 |
| S16<br>6 | 7063  | (online or on-line or electronic) near<br>(catalog\$3 or list\$4 or table\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 13:34 |
| S16<br>7 | 4267  | S166 and @ad<="20020131"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 13:23 |
| S16<br>8 | 11101 | (online or on-line or electronic or<br>web or html) near (catalog\$3 or<br>list\$4 or table\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 13:22 |
| S16<br>9 | 6393  | S168 and @ad<="20020131"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 13:34 |
| S17<br>0 | 1799  | S169 and (row\$1 or column\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 13:23 |
| S17<br>1 | 876   | S169 and (row\$1 and column\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 13:23 |
| S17<br>2 | 1     | S169 and ((expand\$3 or condens\$3<br>or compress\$3 or reduc\$3) near<br>(row\$1 and column\$1))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 13:30 |
| S17<br>3 | 1     | S169 and ((expand\$3 or condens\$3<br>or compress\$3 or reduc\$3 or<br>compact\$3 or narrow\$3 or widen\$3<br>or delet\$3) near (row\$1 and<br>column\$1)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 13:24 |

|          |     |  |   |    |     |                  |
|----------|-----|--|---|----|-----|------------------|
| S17<br>4 | 9   | ("5077668"   "5638543"   "5867164"   "5991754"   "6023696"   "6205451"   "6298342").PN. OR ("6523040").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/01/27 13:25 |
| S17<br>5 | 8   | S169 and ((expand\$3 or condens\$3 or compress\$3 or reduc\$3) near5 (row\$1 and column\$1))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 13:30 |
| S17<br>6 | 9   | ("5077668"   "5638543"   "5867164"   "5991754"   "6023696"   "6205451"   "6298342").PN. OR ("6523040").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/01/27 13:33 |
| S17<br>7 | 579 | (interactive\$2) with (online or on-line or electronic) with (catalog\$3 or list\$4 or table\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 13:36 |
| S17<br>8 | 332 | S177 and @ad<="20020131"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 13:37 |
| S17<br>9 | 346 | (interactive\$2) with (online or on-line or electronic) with (catalog\$3 or table\$1 or spreadsheet\$1 or spread-sheet\$1 or (spread adj sheet\$1))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 13:39 |
| S18<br>0 | 208 | S179 and @ad<="20020131"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 14:43 |
| S18<br>1 | 4   | S180 and ((interactive\$2) with (manipulat\$3 or reorganiz\$3 or sort\$3 or reorder\$3) with (catalog\$3 or table\$1 or spreadsheet\$1 or spread-sheet\$1 or (spread adj sheet\$1)))               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 13:41 |
| S18<br>2 | 4   | S180 and ((interactive\$2) with (manipulat\$3 or reorganiz\$3 or sort\$3 or reorder\$3) with (catalog\$3 or table\$1 or spreadsheet\$1 or spread-sheet\$1 or listing\$1 or (spread adj sheet\$1))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 13:41 |
| S18<br>3 | 185 | ((interactive\$2) with (manipulat\$3 or reorganiz\$3 or sort\$3 or reorder\$3) with (catalog\$3 or table\$1 or spreadsheet\$1 or spread-sheet\$1 or listing\$1 or (spread adj sheet\$1)))          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/27 13:59 |

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S18<br>4 | 6    | ((interactive\$2) with (ecommerce or (electronic adj commerce)) with (catalog\$3 or table\$1 or spreadsheet\$1 or spread-sheet\$1 or listing\$1 or (spread adj sheet\$1))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:32 |
| S18<br>5 | 236  | (display\$3 and manipulat\$3) with (lists)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:36 |
| S18<br>6 | 1    | (display\$3 and manipulat\$3) with (lists with (column\$1 or row\$1))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:33 |
| S18<br>7 | 94   | (display\$3 and merg\$3) with (lists)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:41 |
| S18<br>8 | 132  | (tabular with ((search\$3 or query\$3) with result\$1))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 14:42 |
| S18<br>9 | 56   | S188 and @ad<="20020131"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 15:05 |
| S19<br>0 | 29   | S189 and dynamic\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 15:02 |
| S19<br>1 | 3068 | (dynamic or interactive) with report\$1  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 15:02 |
| S19<br>2 | 1889 | S191 and @ad<="20020131"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/27 15:05 |
| S19<br>3 | 4794 | (online or web or html or interactive) near (table\$1 or grid\$1 or list\$1 or spreadsheet\$1 or spread-sheet\$1 or (spread adj sheet\$1))                                 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/31 08:19 |

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| S19<br>4 | 2570   | S193 and @ad<="20020131" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/31 08:19 |
| S19<br>5 | 1048   | S194 and @pd<="20020131" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/31 08:20 |
| S19<br>6 | 68990  | ("83").CLAS.             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/31 08:20 |
| S19<br>7 | 175261 | ("73").CLAS.             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/31 08:20 |
| S19<br>8 | 26     | S195 and S196            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/31 08:20 |
| S19<br>9 | 1022   | S195 not S198            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/31 08:21 |
| S20<br>0 | 5      | S197 and S199            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/31 08:21 |
| S20<br>1 | 1017   | S199 not S200            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/31 08:21 |
| S20<br>2 | 117    | S201 and commerce        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/31 08:28 |
| S20<br>3 | 3      | S202 not list\$1         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/31 08:52 |

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| S20<br>4 | 2607   | (object adj attribute)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/31 08:52 |
| S20<br>5 | 259    | (object adj attribute) with table\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/31 08:52 |
| S20<br>6 | 2      | ((object adj attribute) with table\$1)<br>same commerce  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/31 08:52 |
| S20<br>7 | 118559 | (merg\$3 or combin\$3 or<br>aggregat\$3) with (row\$1 or<br>column\$1 or cell\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/02 14:30 |
| S20<br>8 | 79696  | S207 and @ad<="20020131"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/02 14:31 |
| S20<br>9 | 362    | ((merg\$3 or combin\$3 or<br>aggregat\$3) with (row\$1 or<br>column\$1 or cell\$1)) with<br>(attribute\$1 or metadata\$1 or<br>meta-data\$1 or (meta adj data\$1)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/02 14:31 |
| S21<br>0 | 247    | S209 and @ad<="20020131"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/02 14:32 |
| S21<br>1 | 132    | S210 and @pd<="20020131"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/02 15:31 |
| S21<br>2 | 1      | S211 and commerce  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/02 14:34 |
| S21<br>3 | 47     | S211 and report\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/02 15:29 |

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|----------|------|--|---|----|-----|------------------|
| S21<br>4 | 3    | concatinat\$3 with (row\$1 or column\$1 or cell\$1)                  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/02 15:30 |
| S21<br>5 | 1648 | concatenat\$3 with (row\$1 or column\$1 or cell\$1)                  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/02 15:31 |
| S21<br>6 | 1126 | concatenat\$3 near5 (row\$1 or column\$1 or cell\$1)                 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/02 15:31 |
| S21<br>7 | 491  | S216 and @pd<="20020131"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/02 16:03 |
| S21<br>8 | 68   | S217 and ((combin\$3 or group\$3 or concatenat\$3) near (column\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/02 15:45 |
| S21<br>9 | 85   | S217 and ((combin\$3 or group\$3 or concatenat\$3) near (row\$1))    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/02 16:02 |
| S22<br>0 | 409  | (database adj filter\$3)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/02 16:02 |
| S22<br>1 | 121  | S220 and @pd<="20020131"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/02 16:03 |
| S22<br>2 | 35   | S221 and (row\$1 and column\$1)                                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/02 16:03 |